IC-55
Android Rugged Handheld

Benefits:

- Smart and ergonomic design for businesses that invest on new generation technology.
- Quick barcode reading due to intelligent scanner image technology.
- Maximum performance in daily tasks thanks to its 3GB RAM and its Octa-Core processor.

Main specifications:

- Android 7.1.
- Octa Core microprocessor.
- Memory: 3GB RAM and 32GB Flash ROM.
- 5.5 inch 1920x1080, Gorilla Glass anti-scratch screen.
- 1D or 2D barcode reader and RFID HF and UHF.
- SIM and Dual SAM.
- Lithium-ion rechargeable battery: 4.200 mAh.
**TECHNICAL SPECIFICATIONS**

**OS Compatibility:**  
Android 7.1

**Microprocessor:**  
ARM Cortex-A53 Qualcomm Octa-Core, 2.0 GHz

**Memory:**  
3Gb RAM, 32Gb Flash ROM, Micro SD up to 32GB

**Display:**  
5.5” 1920x1080, “Multi-Touch screen”  
Dragontrail Glass, anti-scratch screen

**Communications:**  
4G, GSM Quad Band, TDS B34/39, WCDMA B1/2/5/8,  
TDD B38/39/40, FDD B1/3/7/8/20  
Dual WiFi 802.11a/b/g/n, WEP/WPA/WPA2-PSK/WAPI  
PSK/802.1*EAP Encryption protocol. 2,4GHz and 5GHz  
Bluetooth 4.2  
SIM  
Dual SAM

**HF RFID:**  
NFC 13.56MHz (ISO14443A), reading range up to 4cm

**UHF RFID:**  
840-960 MHz, EPC (C1/G2, ISO18000-6C/EPC C1G2)  
Reading range up to 30 cm  
Reading speed: 50 tags / seconds

**Barcode reader:**  
1D / 2D (opcional)

**Camera:**  
Rear: 8 megapixels (13 megapixeles optional), autofocus and LED Flash

**GPS:**  
GPS, BDS

**I/O Port:**  
USB 2.0 OTG

**Rechargeable battery:**  
4.200 mAh, 3.8 V Li-ion

**Dimensions:**  
160 mm x 76 mm x 12.9 mm

**Weight:**  
235 g (battery included)

**Ambient Conditions:**  
Operating: -20°C to 50°C / 5% to 85% Relative Humidity  
Storage: -20°C to 60°C / 5% to 85% Relative Humidity

**Certification:**  
Drop resistant, IP 54

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**Accesories:**

- Simple charging cradle
- Charging station

ITOS provides personalized mobility and payment solutions, as well as a national maintenance service adapted to the particular needs of each client.